



NJ DEPARTMENT OF TRANSPORTATION

RESEARCH LIBRARY

SELECTED RECENT ACQUISITIONS

January - March 2015

The resources reported in this issue are listed by main subject area and then alphabetically by title. Each item is listed only once, so please check related subjects for additional materials that may be of interest. If you would like to see any of these items and there is no link to an online version, please contact the Research Library at library@dot.state.nj.us (Library, DOT) or call 609-530-5289 for these or any other publications.

Administration and Management

2014 Annual Report of Progress /

Airport Cooperative Research Program -- Washington, DC : Transportation Research Board, 2014 (Airport Cooperative Research Program), 60 pp.

Alliance Contracting - Evolving Alternative Project Delivery /

Douglas D. Gransburg, Eric Sheepbouwer, and Michael C. Loulakis -- Washington, DC : Transportation Research Board, 2015 (NCHRP Synthesis 466), 72 pp. <http://www.trb.org/Main/Blurbs/172113.aspx>

Beyond Traffic: Trends and Choices 2045 /

U.S. Department of Transportation, Office of the Secretary -- Washington, DC : USDOT, 2014, 322 pp. http://www.dot.gov/sites/dot.gov/files/docs/Draft_Beyond_Traffic_Framework.pdf

FY 2013-2022 Statewide Capital Investment Strategy /

New Jersey Department of Transportation -- Trenton, NJ : NJDOT, 2012-03, 31 pp. <http://www.state.nj.us/transportation/capital/cis/pdf/scis1322.pdf>

How We Pay for Transportation: The Life and Death of the Highway Trust Fund /

ENO Center for Transportation -- [Washington, DC] : ENO ; [New York] : The Rockefeller Foundation, 2014-12, 60 pp. <https://enotrans.r.worldssl.net/wp-content/uploads/wpsc/downloadables/Highway-Trust-Fund2.pdf>

Impacts of Energy Developments on U.S. Roads and Bridges /

Leslie Ann McCarthy et al. -- Washington, DC : Transportation Research Board, 2015 (NCHRP Synthesis 469), 96 pp. <http://www.trb.org/Main/Blurbs/172084.aspx>

Management Guide to Intellectual Property for State Departments of Transportation /

Joe Bradley et al. -- Washington, DC : Transportation Research Board, 2015 (NCHRP Report 799), 139 pp. <http://www.trb.org/Publications/Blurbs/172260.aspx>

New Jersey Statewide Transportation Improvement Program: Fiscal Years 2014-2023 /

New Jersey Department of Transportation -- Trenton, NJ : NJDOT, 2013-10, 572 pp.
<http://www.state.nj.us/transportation/capital/stip1423/pdf/stip.pdf>

Practices for Developing Transparent Best Value Selection Procedures /

Keith R. Molenaar and Daniel Tran -- Washington, DC : Transportation Research Board, 2015 (NCHRP Synthesis 471), 67 pp. <http://www.trb.org/Main/Blurbs/172228.aspx>

Revenue, Finance, Pricing, and Economics /

Transportation Research Board -- Washington, DC : TRB, 2014 (Transportation Research Record No. 2450), 178 pp.

The Role of Planning in a 21st Century State Department of Transportation - Supporting Strategic Decisionmaking /

Janet D'Ignazio, Suzann Rhodes, and Craig Secrest -- Washington, DC : Transportation Research Board, 2015 (NCHRP Report 798), 109 pp. <http://www.trb.org/Publications/Blurbs/172210.aspx>

Successful Practices in GIS-Based Asset Management /

Spy Pond Partners, LLC, Transcend Spatial Solutions, LLC, and James P. Hull -- Washington, DC : Transportation Research Board, 2015 (NCHRP Report 800), various pagings
<http://www.trb.org/Publications/Blurbs/172204.aspx>

Title VI Agency Policy Examination and Best Practices Review /

Christopher Titze and Whitney Faron -- New York : Cambridge Systematics, Inc. ; Trenton, NJ : New Jersey Dept. of Transportation, Bureau of Research, 2014-12 (NJ-2015-001), 26 pp.
<http://www.state.nj.us/transportation/refdata/research/reports/NJ-2015-001.pdf> ;
<http://www.state.nj.us/transportation/refdata/research/reports/NJ-2015-001-TB.pdf> - Technical Brief

Transportation Capital Program: Fiscal Year 2015 /

New Jersey Department of Transportation and New Jersey Transit Corporation -- Trenton, NJ : NJDOT and NJ Transit, 2014-07, 234 pp. <http://www.state.nj.us/transportation/capital/tcp15/pdf/tcp15.pdf>

Aviation

Airport Parking Garage Lighting Solutions /

Ronald R. Gibbons et al. -- Washington, DC : Transportation Research Board, 2015 (ACRP Report 124), 65 pp.

Alternative IT Delivery Methods and Best Practices for Small Airports /

Barich, Inc. -- Washington, DC : Transportation Research Board, 2015 (ACRP Report 128), 113 pp.
<http://www.trb.org/Publications/Blurbs/172180.aspx>

Balancing Airport Stormwater and Bird Hazard Management /

Kim Allerton et al. -- Washington, DC : Transportation Research Board, 2015 (ACRP Report 125), 46 pp., with CD-ROM <http://www.trb.org/Publications/Blurbs/172035.aspx>

Estimating Takeoff Thrust Settings for Airport Emissions Inventories [DVD] /

Airport Cooperative Research Program (ACRP) -- Washington, DC : Transportation Research Board, 2015 (Pub. No. CRP-CD-161), 1 DVD - includes TTREAT tool, Practioner Guidebook, and Final Technical Report

Evaluating Methods for Counting Aircraft Operations at Non-Towered Airports /

Maria J. Muia and Mary E. Johnson -- Washington, DC : Transportation Research Board, 2015 (ACRP Report 129), various pagings <http://www.trb.org/Publications/Blurbs/172335.aspx>

A Guide for Compliance with Grant Agreement Obligations to Provide Reasonable Access to an AIP-Funded Public Use General Aviation Airport /

Kaplan Kirsch and Rockwell LLP and Aviation Management Consulting Group, Inc. -- Washington, DC : Transportation Research Board, 2015-02 (Legal Research Digest 23), various pagings

A Guidebook for Airport Winter Operations /

Robert McGormley et al. -- Washington, DC : Transportation Research Board, 2015 (ACRP Report 123), 126 pp. <http://www.trb.org/Publications/Blurbs/171976.aspx>

A Guidebook for Increasing Diverse and Small Business Participation in Airport Business Opportunities /

Exstare Federal Services Group, LLC, Rosales Law Partners LLP, and WHP Research, Inc. -- Washington, DC : Transportation Research Board, 2015 (ACRP Report 126), 96 pp. <http://www.trb.org/Publications/Blurbs/171977.aspx>

A Guidebook for Mitigating Disruptive WiFi Interference at Airports /

Michael Carroll et al. -- Washington, DC : Transportation Research Board, 2015 (ACRP Report 127), 98 pp. <http://www.trb.org/Publications/Blurbs/172272.aspx>

Innovative Airport Responses to Threatened and Endangered Species /

Julie Sullivan -- Washington, DC : Transportation Research Board, 2015 (ACRP Report 122), 51 pp., includes CD-ROM <http://www.trb.org/Publications/Blurbs/171975.aspx>

Synthesis of Information Related to Airport Practices /

Airport Cooperative Research Program -- Washington, DC : Transportation Research Board, 2015-01 (Research Results Digest 22), 8 pp.

Bicycles and Pedestrians

Bicycles and Motorcycles 2014 /

Transportation Research Board -- Washington, DC : TRB, 2014 (Transportation Research Record No. 2468), 146 pp.

Evaluation of Bicyclists Exposure to Traffic-Related Air Pollution Along Distinct Facility Types - Draft Final Report /

James Pankow, Miguel Figliozzi, and Alexander Bigazzi -- Portland, OR : Portland State University ; National Institute for Transportation and Communities (NITC), 2014-12 (NITC-RR-560), 97 pp. http://ppms.otrec.us/media/project_files/NITC-RR-560.pdf

Guidebook on Pedestrian and Bicycle Volume Data Collection /

Paul Ryus et al. -- Washington, DC : Transportation Research Board, 2014 (NCHRP Report 797), 139 pp.
<http://www.trb.org/Publications/Blurbs/171973.aspx>

Pedestrians 2014 /

Transportation Research Board -- Washington, DC : TRB, 2014 (Transportation Research Record No. 2464), 153 pp.

Bridges and Structures

Bridge Engineering Handbook - Second Edition: Construction and Maintenance /

Wai-Fah Chen and Lian Duan, editors -- 2nd edition -- Boca Raton : CRC Press, 2014, Volume 5 of 5

Bridge Engineering Handbook - Second Edition: Fundamentals /

Wai-Fah Chen and Lian Duan, editors -- 2nd edition -- Boca Raton : CRC Press, 2014, Volume 1 of 5

Bridge Engineering Handbook - Second Edition: Seismic Design /

Wai-Fah Chen and Lian Duan, editors -- 2nd edition -- Boca Raton : CRC Press, 2014, Volume 4 of 5

Bridge Engineering Handbook - Second Edition: Substructure Design /

Wai-Fah Chen and Lian Duan, editors -- 2nd edition -- Boca Raton : CRC Press, 2014, Volume 3 of 5

Bridge Engineering Handbook - Second Edition: Superstructure Design /

Wai-Fah Chen and Lian Duan, editors -- 2nd edition -- Boca Raton : CRC Press, 2014, Volume 2 of 5

Bridge System Safety and Redundancy /

Michel Ghosn et al. -- Washington, DC : Transportation Research Board, 2104 (NCHRP Report 776), 118 pp.; appendices online only <http://www.trb.org/Main/Blurbs/170901.aspx>

Cracking Behavior of Structural Slab Bridge Decks /

Anil Patnaik and Prince Baah -- Akron, OH : University of Akron ; Columbus, OH : Ohio Dept. of Transportation, 2015-01 (FHWA/ OH-2015/4), 228 pp.
http://www.dot.state.oh.us/Divisions/Planning/SPR/Research/reportsandplans/Reports/2015/Structures/134708_FR.pdf

Evaluation and Analysis of Decked Bulb T Beam Bridges /

Nabil F. Grace, Mena Bebawy, and Marc Kasabasic -- Southfield, MI : Lawrence Technological University, Dept. of Civil Engineering, Center for Innovative Material Research (CIMR) ; Lansing, MI : Michigan Dept. of Transportation, Construction and Technology Division, 2015-03 (RC-1620), 236 pp., in 3 .pdf files http://www.michigan.gov/mdot/0,4616,7-151-9622_11045_24249_24251-347552--,00.html

The George Washington Bridge: Poetry in Steel /

Michael Aaron Rockland -- New Brunswick, NJ : Rivergate Books, 2008, 184 pp.

Guide Specification for Application of Coating Systems with Zinc-Rich Primers to Steel Bridges /

AASHTO/NSBA Steel Bridge Collaboration and SSPC: The Society for Protective Coatings -- Washington, DC : AASHTO, NSBA, SSPC, 2014 (S 8.1 - 2014 ; SSPC-PA Guide 13), 34 pp.

Guide Specifications for Seismic Isolation Design - 4th Edition /

American Association of State Highway and Transportation Officials, Highways Subcommittee on Bridges and Structures 2012 -- 4th edition -- Washington, DC : AASHTO, 2014, 471 pp.

Long-Term Bridge Performance High Priority Bridge Performance Issues /

Michael C. Brown et al. -- Piscataway, NJ : Rutgers, The State University of New Jersey, Center for Advanced Infrastructure and Transportation ; McLean, VA : Federal Highway Administration, Office of Infrastructure Research and Development, 2014-10 (FHWA-HRT-14-052), 98 pp.

Safety Factor Increase to Fatigue Limit States through Shear Spiking for Timber Railroad Bridge Rehabilitation - Phase I /

Thang Dao and John W. van de Lindt -- Fort Collins, CO : Colorado State University, Mountain-Plains Consortium (MPC), 2014-11 (MPC 14-273), 18 pp.
<http://www.mountain-plains.org/pubs/pdf/MPC14-273.pdf>

Construction

Modulus-Based Construction Specification for Compaction of Earthwork and Unbound Aggregate /

National Cooperative Highway Research Program -- Washington, DC : Transportation Research Board, 2015-01 (Research Results Digest 391), 18 pp. <http://www.trb.org/Main/Blurbs/172045.aspx>
http://onlinepubs.trb.org/onlinepubs/nchrp/docs/NCHRP10-84_FR.pdf - Draft Final Report
http://onlinepubs.trb.org/onlinepubs/nchrp/docs/NCHRP10-84_FR_Appendices.pdf - Appendices A-L

Steel Construction Manual - 14th Edition /

American Institute of Steel Construction -- 14th edition -- Chicago : AISC, 2011, various pagings

Energy and Environment

Air Quality 2014 - Volume 1 /

Transportation Research Board -- Washington, DC : TRB, 2014 (Transportation Research Record No. 2427), 92 pp.

Energy, Climate Change, and Alternative Fuels 2014 /

Transportation Research Board -- Washington, DC : TRB, 2014 (Transportation Research Record No. 2454), 106 pp.

Legal Aspect of Environmental Permitting in the Emergency Response Environment /

Carlos Sun and Douglas Williams -- Washington, DC : Transportation Research Board, 2015-02 (Legal Research Digest 64), 71 pp.

Staying Connected in the Northern Appalachians: Mitigating Fragmentation & Climate Change Impacts on Wildlife Through Functional Habitat Linkages: Final Performance Report - Summary /

The Nature Conservancy -- [s.l.] : Staying Connected Initiative Partnership ; [Concord, NH] : New Hampshire Fish & Game Department ; [Washington, DC] : United States Fish & Wildlife Service, 2013-05, 20 pp. <http://stayingconnectedinitiative.org/assets/SCI-CSWG-Final-Report-Summary-5-17-13.pdf>

Stormwater System Monitoring and Evaluation - Final Report /

Qizhong (George) Guo and Jung Hoon Kim -- Piscataway, NJ : Rutgers, The State University of New Jersey, Dept. of Civil & Environmental Engineering and Center for Advanced Infrastructure & Transportation (CAIT) ; Trenton, NJ : New Jersey Dept. of Transportation, 2013-12 (FHWA-NJ-2014-010), 205 pp.
<http://www.state.nj.us/transportation/refdata/research/reports/FHWA-NJ-2014-010.pdf> ;
<http://www.state.nj.us/transportation/refdata/research/reports/FHWA-NJ-2014-010-TB.pdf>

Freight / Goods Movement

Freight Systems 2014 - Volume 2: Urban Freight, Hazardous Materials, and Trucking /

Transportation Research Board -- Washington, DC : TRB, 2014 (Transportation Research Record No. 2411), 126 pp.

Geotechnical

Soil Mechanics 2014 /

Transportation Research Board -- Washington, DC : TRB, 2014 (Transportation Research Record No. 2462), 135 pp.

Visualization of Geotechnical Data for Hazard Mitigation and Disaster Response /

Hollie L. Ellis and Mark J. Vessely -- Washington, DC : Transportation Research Board, 2015 (NCHRP Synthesis 467), 89 pp. <http://www.trb.org/Main/Blurbs/172036.aspx>

Highway Design

Highway Design 2014 - Volume 1 /

Transportation Research Board -- Washington, DC : TRB, 2014 (Transportation Research Record No. 2436), 166 pp.

Information Management

Data Systems and Asset Management Including: 2014 Thomas B. Deen Distinguished Lecture /

Transportation Research Board -- Washington, DC : TRB, 2014 (Transportation Research Record No. 2460), 185 pp.

Marine / Waterways

Channel Usage Research and Analysis /

Brian ten Siethoff and Christopher Titze -- New York : Cambridge Systematics, Inc. ; Trenton, NJ : New Jersey Dept. of Transportation, Bureau of Research, 2015-02 (NJ-2015-002), 28 pp.
<http://www.state.nj.us/transportation/refdata/research/reports/NJ-2015-002.pdf> ;
<http://www.state.nj.us/transportation/refdata/research/reports/NJ-2015-002-TB.pdf>

State Channel Maintenance Capacity /

B. Steven Howard, Daniel A. Barone, and Kimerly K. McKenna -- Port Republic, NJ : Richard Stockton College Coastal Research Center ; Trenton, NJ : New Jersey Dept. of Transportation, Bureau of Research, 2015-01 (FHWA-NJ-2015-001), 94 pp.

<http://www.state.nj.us/transportation/refdata/research/reports/FHWA-NJ-2015-001.pdf> ;

<http://www.state.nj.us/transportation/refdata/research/reports/FHWA-NJ-2015-001-TB.pdf> - Technical Brief

Materials

Alkali-Silica Reaction Mechanisms and Detection: An Advanced Understanding [TechBrief] /

Turner-Fairbank Highway Research Center, -- McLean, VA : U.S. Dept. of Transportation, Federal Highway Administration, Research, Development, and Technology, 2014-10 (FHWA-HRT-14-079), 12 pp.

Asphalt Materials and Mixtures 2014 - Volume 1 /

Transportation Research Board -- Washington, DC : TRB, 2014 (Transportation Research Record No. 2444), 162 pp.

Asphalt Materials and Mixtures 2014 - Volume 2 /

Transportation Research Board -- Washington, DC : TRB, 2014 (Transportation Research Record No. 2445), 112 pp.

Asphalt Materials and Mixtures 2014 - Volume 3 /

Transportation Research Board -- Washington, DC : TRB, 2014 (Transportation Research Record No. 2446), 98 pp.

Asphalt Materials and Mixtures 2014 - Volume 4 /

Transportation Research Board -- Washington, DC : TRB, 2014 (Transportation Research Record No. 2447), 145 pp.

Evaluating the Performance of Alternative Supplementary Cementing Material in Concrete /

Saamiya Seraj et al. -- Austin, TX : University of Texas at Austin, Center for Transportation Research ; Texas Dept. of Transportation, Research and Technology Implementation Office, 2015-01 (FHWA/TX-14/0-6717-1), 144 pp. <http://library.ctr.utexas.edu/ctr-publications/0-6717-1.pdf>

Evaluation of Dynamic Shear Rheometer Tests for Emulsions /

Nazimuddin M. Wasiuddin, Saeid S. Ashani, and M. Readul Islam -- Ruston, LA : Louisiana Tech University, Dept. of Civil Engineering ; Baton Rouge, LA : Louisiana Dept. of Transportation and Development, 2014-12 (FHWA/LA.13/519), 253 pp. http://www.ltrc.lsu.edu/pdf/2014/FR_519.pdf

Feasibility of Reclaimed Asphalt Pavement (RAP) Use as Road Base and Subbase Material /

Edward J. Hoppe et al. -- Charlottesville, VA : Virginia Center for Transportation Innovation and Research ; Richmond, VA : Virginia Dept. of Transportation, 2015-01 (VCTIR 15-R6), 42 pp. http://www.viriniadot.org/vtrc/main/online_reports/pdf/15-r6.pdf

Fiber Additives in Asphalt Mixtures /

Rebecca S. McDaniel -- Washington, DC : Transportation Research Board, 2015 (NCHRP Synthesis 475), 55 pp. <http://www.trb.org/Main/Blurbs/172256.aspx>

Installation and Laboratory Evaluation of Alternatives to Conventional Polymer Modification for Asphalt /

Stacey D. Diefenderfer and Kevin K. McGhee -- Charlottesville, VA : Virginia Center for Transportation Innovation and Research ; Richmond, VA : Virginia Dept. of Transportation, 2015-01 (VCTIR 15-R15), 42 pp. http://www.virginiadot.org/vtrc/main/online_reports/pdf/15-r15.pdf

Operations and Maintenance

The Importance of Road Maintenance /

World Road Association (PIARC) -- La Defense Cedex, France : PIARC - World Road Association, 2014, 38 pp.

Interactive Training for All-Hazards Emergency Planning, Preparation, and Response for Maintenance and Operations Field Personnel /

Yuko J. Nakanishi and Pierre M. Auza -- Washington, DC : Transportation Research Board, 2015 (NCHRP Synthesis 468), 184 pp. <http://www.trb.org/Main/Blurbs/172182.aspx>

Maintenance Quality Assurance Field Inspection Practices /

Kathryn A. Zimmerman -- Washington, DC : Transportation Research Board, 2015 (NCHRP Synthesis 470), 43 pp.; appendices available online only <http://www.trb.org/Main/Blurbs/172148.aspx>

Maintenance Services, Transportation Weather, and Winter Maintenance /

Transportation Research Board -- Washington, DC : TRB, 2014 (Transportation Research Record No. 2440), 109 pp.

NJDOT Greenhouse Gas Emission Calculator for Maintenance Projects, 2013 - User Manual /

New Jersey Department of Transportation -- Trenton, NJ : NJDOT, 2013, 62 pp.

Pavements

Best Practices for Crack Treatments for Asphalt Pavements /

Dale S. Decker -- Washington, DC : Transportation Research Board, 2014 (NCHRP Report 784), 37 pp. <http://www.trb.org/Publications/Blurbs/171266.aspx>

Classification of Features of Pavement Profiles Using Empirical Mode Decomposition [TechBrief] /

Turner-Fairbank Highway Research Center -- McLean, VA : U.S. Dept. of Transportation, Federal Highway Administration, Research, Development, and Technology, 2014-12 (FHWA-HRT-13-093), 16 pp.

Distress Identification Manual for the Long-Term Pavement Performance Program (Fifth Revised Edition) /

John S. Miller and William Y. Bellinger -- 5th revised edition -- McLean, VA : Federal Highway Administration, Office of Infrastructure Research and Development, 2014-05 (FHWA-HRT-13-092), 142 pp.

Pavement Management 2014 - Volume 1 /

Transportation Research Board -- Washington, DC : TRB, 2014 (Transportation Research Record No. 2455), 97 pp.

Pavement Management 2014 - Volume 2 /

Transportation Research Board -- Washington, DC : TRB, 2014 (Transportation Research Record No. 2456), 177 pp.

Pavement Management 2014 - Volume 3 /

Transportation Research Board -- Washington, DC : TRB, 2014 (Transportation Research Record No. 2457), 150 pp.

Railway/Highway At-Grade Crossing Surface Management: An Overview /

Brett R. Malloy and Jerry G. Rose -- Lexington, KY : University of Kentucky, College of Engineering, Kentucky Transportation Center ; Frankfort, KY : Kentucky Transportation Cabinet, 2014-12 (KTC-14-17/SPR452-13-2F), 62 pp.

http://www.ktc.uky.edu/files/2015/01/KTC_14_17_SPR_452_13_2F_.pdf

Planning

Activity-Based Travel Demand Models: A Primer /

Joe Castiglione, Mark Bradley, and John Gliebe -- Washington, DC : Transportation Research Board, 2015 (SHRP2 S2-C46-RR-1), 159 pp. <http://www.trb.org/Publications/Blurbs/170963.aspx>

Analysis of Public Policies that Unintentionally Encourage and Subsidize Urban Sprawl /

Todd Litman -- Victoria, BC : Victoria Transport Policy Institute ; London : London School of Economics and Political Science, LCE Cities ; Global Commission on the Economy and Climate, New Climate Economy Cities Program, 2015-03, 89 pp.

<http://static.newclimateeconomy.report/wp-content/uploads/2015/03/public-policies-encourage-sprawl-nce-report.pdf>

Commuting in America 2013: The National Report on Commuting Patterns and Trends - Brief 13: Transit Commuting /

AASHTO Census Transportation Planning Products Program (CTPP) -- Washington, DC : American Association of State Highway and Transportation Officials, 2015-01, 18 pp.
<http://traveltrends.transportation.org/Pages/default.aspx>

Commuting in America 2013: The National Report on Commuting Patterns and Trends - Brief 14: Bicycling and Walk Commuting /

AASHTO Census Transportation Planning Products Program (CTPP) -- Washington, DC : American Association of State Highway and Transportation Officials, 2015-01, 18 pp.
<http://traveltrends.transportation.org/Pages/default.aspx>

Commuting in America 2013: The National Report on Commuting Patterns and Trends - Brief 15: Commuting Flow Patterns /

AASHTO Census Transportation Planning Products Program (CTPP) -- Washington, DC : American Association of State Highway and Transportation Officials, 2015-01, 22 pp.
<http://traveltrends.transportation.org/Pages/default.aspx>

Commuting in America 2013: The National Report on Commuting Patterns and Trends - Brief 16: The Evolving Role of Commuting /

AASHTO Census Transportation Planning Products Program (CTPP) -- Washington, DC : American Association of State Highway and Transportation Officials, 2015-01, 26 pp.

**Commuting in America 2013: The National Report on Commuting Patterns and Trends - Brief 5:
The Nature and Pattern of Jobs /**

AASHTO Census Transportation Planning Products Program (CTPP) -- Washington, DC : American Association of State Highway and Transportation Officials, 2015-01, 18 pp.
<http://traveltrends.transportation.org/Pages/default.aspx>

**Commuting in America 2013: The National Report on Commuting Patterns and Trends - Brief 6:
Job Dynamics /**

AASHTO Census Transportation Planning Products Program (CTPP) -- Washington, DC : American Association of State Highway and Transportation Officials, 2015-01, 18 pp.
<http://traveltrends.transportation.org/Pages/default.aspx>

**Commuting in America 2013: The National Report on Commuting Patterns and Trends - Brief 9:
How Commuting Influences Travel /**

AASHTO Census Transportation Planning Products Program (CTPP) -- Washington, DC : American Association of State Highway and Transportation Officials, 2015-01, 10 pp.
<http://traveltrends.transportation.org/Pages/default.aspx>

**Commuting in America 2013: The National Report on Commuting Patterns and Trends - CIA 2013:
Executive Summary /**

AASHTO Census Transportation Planning Products Program (CTPP) -- Washington, DC : American Association of State Highway and Transportation Officials, 2015-01, 38 pp.
<http://traveltrends.transportation.org/Pages/default.aspx>

Connecting Low-Income People to Opportunity with Shared Mobility /

Michael Kodransky and Gabriel Lewenstein -- New York : Institute for Transportation & Development Policy ; Living Cities, 2014-12, 41 pp.
<https://www.livingcities.org/resources/284-can-shared-mobility-help-low-income-people-access-opportunity>

Developing Countries 2014 /

Transportation Research Board -- Washington, DC : TRB, 2014 (Transportation Research Record No. 2451), 156 pp.

Network Modeling 2014 - Volume 1 /

Transportation Research Board -- Washington, DC : TRB, 2014 (Transportation Research Record No. 2466), 161 pp.

Network Modeling 2014: Volume 2 /

Transportation Research Board -- Washington, DC : TRB, 2014 (Transportation Research Record No. 2467), 167 pp.

Planning 2014 /

Transportation Research Board -- Washington, DC : TRB, 2014 (Transportation Research Record No. 2453), 177 pp.

Route 38 Smart Growth Planning Initiative - Volume 1: Land Use Management Plan /

AECOM and Group Melvin Design -- Draft -- Philadelphia : Delaware Valley Regional Planning Commission ; Mount Holly, NJ : Burlington County, Dept. of Economic Development and Regional Planning, 2010-06, 83 pp. <http://rt38smartgrowth.org/>

Route 38 Smart Growth Planning Initiative - Volume 2: Transportation Needs Assessment /

AECOM, Group Melvin Design, and Stokes Advertising (Stokes Creative Group) -- Philadelphia : Delaware Valley Regional Planning Commission ; Mount Holly, NJ : Burlington County, Dept. of Economic Development and Regional Planning, 2010-06, 49 pp. <http://rt38smartgrowth.org/>

Rural and Small Urban Multimodal Alternatives for Minnesota /

Carol Becker -- Minneapolis, MN : University of Minnesota, Humphrey School of Public Affairs ; St. Paul, MN : Minnesota Dept. of Transportation, Research Services & Library, 2014-11 (MN/RC 2014-42), 77 pp. <http://www.lrrb.org/media/reports/201442.pdf>

Socioeconomic, Health, and Human Factors /

Transportation Research Board -- Washington, DC : TRB, 2014 (Transportation Research Record No. 2452), 123 pp.

Transportation Planning to Support Economic Development: An Exploratory Study of Competitive Industry Clusters and Transportation in Minnesota /

Lee W. Munnich, Jr. et al. -- Minneapolis, MN : University of Minnesota, Humphrey School of Public Affairs ; St. Paul, MN : Minnesota Dept. of Transportation, Research Services and Library, 2015-01 (MN/RC 2015-02), 105 pp. <http://www.dot.state.mn.us/research/TS/2015/201502.pdf>

The Value of Balanced Growth for Transportation /

Kirby Date et al. -- Cleveland, OH : Cleveland State University, Washkewicz College of Engineering, Maxine Goodman Levin College of Urban Affairs ; Columbus, OH : Ohio Dept. of Transportation, 2014-12 (FHWA/OH-2014/17), 236 pp. http://www.dot.state.oh.us/Divisions/Planning/SPR/Research/reportsandplans/Reports/2014/Planning/134819_FR.pdf

Rail

Buy America Requirements for Federally Funded Rail Projects /

Timothy R. Wyatt -- Washington, DC : Transportation Research Board, National Cooperative Rail Research Program, 2015-02 (Legal Research Digest 1), 75 pp.

Materials with Improved Absorption of Collision Forces for Railroad Cars /

Afsaneh Rabiei -- Raleigh, NC : North Carolina State University ; Washington, DC : Transportation Research Board, 2014-11 (Safety IDEA Project 20), 41 pp. <http://onlinepubs.trb.org/onlinepubs/IDEA/FinalReports/Safety/S20FinalReport.pdf>

Railroads 2014 /

Transportation Research Board -- Washington, DC : TRB, 2014 (Transportation Research Record No. 2448), 151 pp.

Reference

PE Civil Engineering Structural Practice Exam /

National Council of Examiners for Engineering and Surveying -- Clemson, SC : NCEES, 2014, 98 pp.

Pocket Guide to Transportation, 2015 /

Bureau of Transportation Statistics -- Washington, DC : U.S. Dept. of Transportation, Research and Innovative Technology Administration, 2015-01, 54 pp.

Straight Line Diagrams 2014 [Electronic] /

New Jersey Department of Transportation, Bureau of Transportation Data and Safety -- Trenton, NJ : NJDOT, 2014, multiple PDFs http://www.state.nj.us/transportation/refdata/sldiag/_Booklet.pdf

Research

2014 Summary of Progress /

National Cooperative Highway Research Program (NCHRP) -- Washington, DC : Transportation Research Board, 2014, 177 pp.

Accessible Transportation Technologies Research Initiative - Advancing Mobility Solutions for All [ATTRI] [Fact Sheet] /

Federal Highway Administration -- Washington, DC : U.S. Dept. of Transportation, FHWA, 2015 (FHWA-HRT-15-028), 2 pp.

Annual Report for Calendar Year 2013 /

New England Transportation Consortium -- Burlington, VT : University of Vermont, Transportation Research Center, 2015-02 (NETCR95), 54 pp.
<http://www.uvm.edu/trc/wp-content/uploads/2014/03/NETC-ANNUAL-REPORT-2014.pdf>

Continuing Project to Synthesize Information on Highway Problems /

National Cooperative Highway Research Program -- Washington, DC : Transportation Research Board, 2015-01 (Research Results Digest 392), 22 pp.

Literature Searches and Literature Reviews for Transportation Research Projects: How to Search, Where to Search, and How to Put It All Together: Current Practices /

Andrea Avni et al. -- Washington, DC : Transportation Research Board, Library and Information Science for Transportation Committee, Conduct of Research Committee, 2015-03 (Transportation Research Circular No. E-C194), 84 pp. <https://mail.njstatelib.org/owa/redir.aspx?C=984ecedbe5e54ebcb143a3d3c1f8666d&URL=http%3a%2f%2fwww.trb.org%2fPublications%2fBlurbs%2f172271.aspx>

Research Projects and Benefits [TechBrief] /

Office of Operations Research and Development -- Washington, DC : U.S. Dept. of Transportation, Federal Highway Administration, 2015 (FHWA-HRT-15-014), 4 pp.

Research Vehicle to be Displayed at TRB Annual Meeting [TechBrief] /

Turner-Fairbank Highway Research Center, Transportation Office of Operations Research and Development -- McLean, VA : U.S. Dept. of Transportation, Federal Highway Administration, 2015 (FHWA-HRT-15-029), 4 pp.

Turning Points /

Transportation Research Board -- Washington, DC : TRB, 2014-11 (TR News No. 295 (November-December 2014)), 48 pp.

UTRC Annual Report 2014 /

University Transportation Research Center - Region 2 -- New York : The City College of New York, UTRC, 2014, 52 pp.
<http://www.utrc2.org/pdfviewer/2014/index.html#sthash.8n3VfDQW.mFLbKUbm.dpbs>

Safety & Human Performance

Assessment of the Effectiveness of Wrong Way Driving Countermeasures and Mitigation Methods /

Melisa D. Finley et al. -- College Station, TX : Texas A&M Transportation Institute ; Austin, TX : Texas Dept. of Transportation, Research and Technology Implementation Office, 2014-12 (FHWA/TX-15/0-6769-1), 172 pp. <http://tti.tamu.edu/documents/0-6769-1.pdf>

Compatibility of Highway Railroad Crossing Gates with Overhead Catenary System High Voltage Power for Trains /

William T. Riddell et al. -- Glassboro, NJ : Rowan University, College of Engineering ; Trenton, NJ : New Jersey Dept. of Transportation, Bureau of Research, 2010-06 (FHWA-NJ-2012-008), 81 pp.
<http://www.state.nj.us/transportation/refdata/research/reports/FHWA-NJ-2012-008.pdf>

Evaluation of Dynamic Speed Feedback Signs on Curves: A National Demonstration Project /

Shauna L. Hallmark, Neal Hawkins, and Omar Smadi -- Ames, IA : Iowa State University, Center for Transportation Research and Education ; McLean, VA : Federal Highway Administration, Office of Infrastructure Research and Development, 2015-01 (FHWA-HRT-14-020), 210 pp.
<http://www.fhwa.dot.gov/publications/research/safety/14202/14020.pdf>

Further Development of the Safety and Congestion Relationship for Urban Freeways /

Ingrid B. Potts et al. -- Washington, DC : Transportation Research Board, 2015 (SHRP 2 Report S2-L07-RR-3), 22 pp.

MGS Installed in Mow Strip - Test MGSMS-1 Digital Videos [DVD] /

Midwest States' Regional Pooled Fund Program -- [Lincoln, NE] : [Nebraska Dept. of Roads], Midwest States' Regional Pooled Fund Program, 2014--1, Disk 1 of 1

A New GDL Framework: Evidence Base to Integrate Novice Driver Strategies /

Dan Mayhew, Allan Williams, and Charlotte Pashley -- Ottawa, Ontario : Traffic Injury Research Foundation, 2014-11, 64 pp.

Safety and Accessibility of Dynamic Message Signs (DMS) - Final Report /

Janice R. Daniel, Wei Hao, and Thomas Shumacher -- Newark, NJ : New Jersey Institute of Technology ; Trenton, NJ : New Jersey Dept. of Transportation, Bureau of Research, 2014-08 (FHWA-NJ-2014-016), 116 pp. <http://www.state.nj.us/transportation/refdata/research/reports/FHWA-NJ-2014-016.pdf> ; <http://www.state.nj.us/transportation/refdata/research/reports/FHWA-NJ-2014-016-TB.pdf>

Safety Management; School Transportation; Young Drivers 2014 /

Transportation Research Board -- Washington, DC : TRB, 2014 (Transportation Research Record No. 2465), 78 pp.

Visibility; Work Zone Traffic Controls; Highway-Rail Grade Crossings 2014 /

Transportation Research Board -- Washington, DC : TRB, 2014 (Transportation Research Record No. 2458), 117 pp.

Security

Critical Infrastructure, Emergency Evacuation, and the Logistics of Disaster Recovery 2014 /

Transportation Research Board -- Washington, DC : TRB, 2014 (Transportation Research Record No. 2459), 132 pp.

Guide for Communicating Emergency Response Information for Natural Gas and Hazardous Liquids Pipelines /

Charles Jennings et al. -- Washington, DC : Transportation Research Board, 2014 (HMCRP Report 14), 34 pp.; appendices online only <http://www.trb.org/Publications/Blurbs/171999.aspx>

Technology Transfer

Transport Research Implementation: Application of Research Outcomes - Summary of the Second EU-U.S. Transportation Research Symposium /

Andrea Meyer and Dana Meyer, rapporteurs -- Washington, DC : Transportation Research Board, 2015 (Conference Proceedings 51), 149 pp.

Traffic

Freeway Operations; Regional Systems Management and Operations; Managed Lanes 2014 /

Transportation Research Board -- Washington, DC : TRB, 2014 (Transportation Research Record No. 2470), 177 pp.

Highway Capacity and Quality of Service 2014 /

Transportation Research Board -- Washington, DC : TRB, 2014 (Transportation Research Record No. 2461), 144 pp.

New Jersey Traffic Monitoring Program /

New Jersey Department of Transportation, Bureau of Transportation Data and Safety, Traffic and Technology Section -- Trenton, NJ : NJDOT ; Federal Highway Administration, New Jersey Division, 2014-06, 33 pp. <http://www.state.nj.us/transportation/refdata/roadway/pdf/program.pdf>

Traffic Control Devices 2014 /

Transportation Research Board -- Washington, DC : TRB, 2014 (Transportation Research Record No. 2463), 69 pp.

Traffic Signal Systems 2014 - Volume 1 /

Transportation Research Board -- Washington, DC : TRB, 2014 (Transportation Research Record No. 2438), 88 pp.

Transit

Demand Management, Parking, Taxis, and Accessible Transportation and Mobility /

Transportation Research Board -- Washington, DC : TRB, 2014 (Transportation Research Record No. 2469), 128 pp.

Evaluation of Automated Vehicle Technology for Transit /

Brian Pessaro -- Tampa, FL : University of South Florida, Center for Urban Transportation Research (CUTR), National Center for Transit Research ; Tallahassee, FL : Florida Dept. of Transportation, Research Center, 2015-01 (FDOT BDV26 977-07), 19 pp.
<http://www.nctr.usf.edu/wp-content/uploads/2015/02/77975.pdf>

Guide for Geometric Design of Transit Facilities on Highways and Streets /

American Association of State Highway and Transportation Officials, Subcommittee on Design, 2003 Task Force on Public Transportation Facilities Design -- Washington, DC : AASHTO, 2014-07, various pagings

Improving Bus Transit On-Time Performance through the Use of AVL Data /

Jack Reilly -- Washington, DC : Transportation Research Board, 2014-08 (Transit IDEA Project 63(a)), 23 pp. <http://onlinepubs.trb.org/onlinepubs/IDEA/FinalReports/Transit/Transit63.pdf>

Transit 2014 - Volume 4 /

Transportation Research Board -- Washington, DC : TRB, 2014 (Transportation Research Record No. 2418), 129 pp.

Transit 2014 - Volume 5 /

Transportation Research Board -- Washington, DC : TRB, 2014 (Transportation Research Record No. 2419), 127 pp.